



Local Situation Report

Prepared: 6/22/14 @ 0920

Local	GACC	Nat'l
1	1	2

Today's Fire Danger
Moderate

INCIDENT SUMMARY for Yesterday

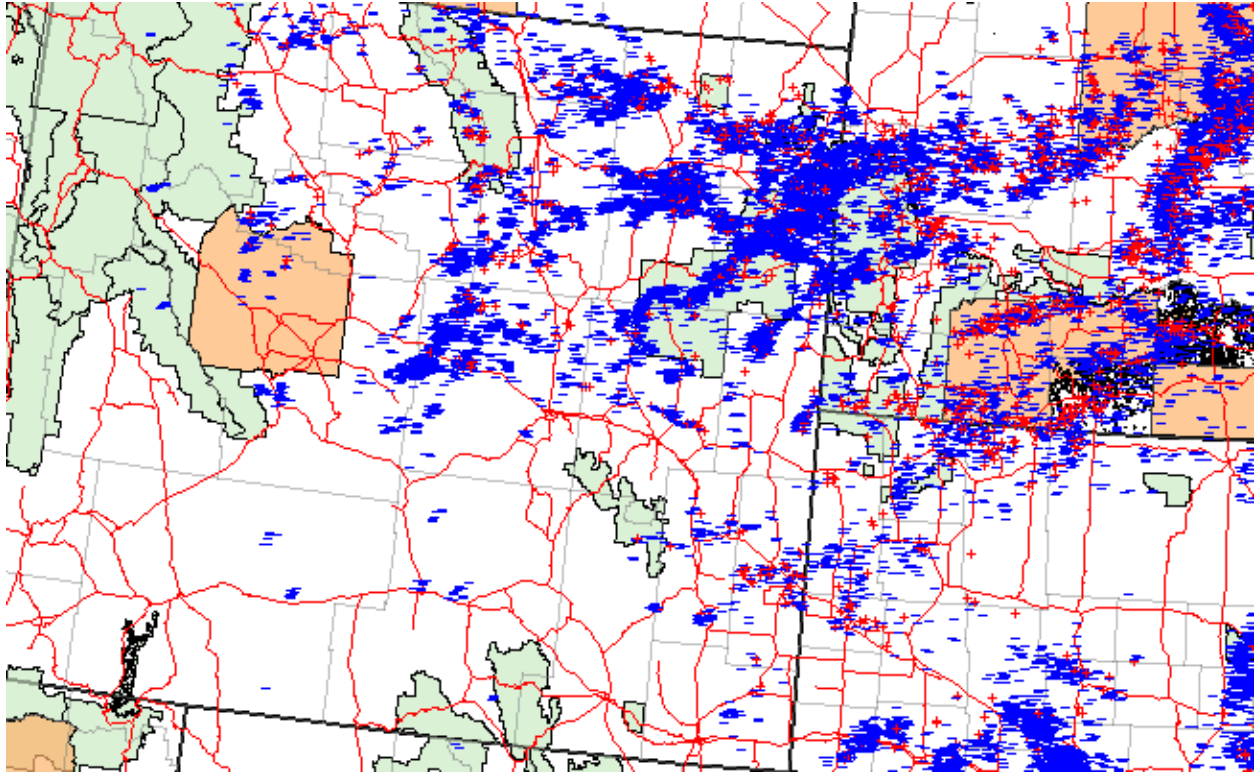
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

Wet T-storms with lightning across the zone yesterday afternoon.

Lightning Map:**INDICES (forecasted/actual)**

<u>FDRA</u>	Predicted Today 6/22/14		
	Indices	Forecasted for 6/2	Actual for 6/21
Echeta	BI	45	62
Rochelle Hills	BI	0	59
Rochelle Hills	ERC	5	19
Poker Creek	ERC	35	54
Casper Mtn	ERC	35	58
Fales Rock	BI	47	92
Esterbrook	ERC	46	52
Sawmill Park	ERC	52	50
Sandstone	ERC	n/a	63

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Hood
	FS - Douglas	Rogge
	BLM	Ellis
	State	Graham
	FS – MBF NF	Miller
	Dispatch	Adams

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Duncan	Avail
	2HX (Rawlins) BLM	RWL	Avail

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0518	2050	2120
Casper	0527	2048	2118
Glenrock	0525	2046	2116
Laramie	0530	2039	2109

Fire Restriction for the zone:

[illegible]

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

EXPECT COOLER CONDITIONS ACROSS THE AREA TODAY AFTER THE PASSAGE OF A COLD FRONT. WINDS WILL BECOME MAINLY EAST TO NORTHEAST. CHANCES FOR SCATTERED SHOWERS AND THUNDERSTORMS WILL INCREASE DURING THE DAY AND INTO THE EVENING...WITH A FEW STRONGER STORMS POSSIBLE WITH SMALL HAIL AND GUSTY WINDS ACROSS ZONES 289. TEMPERATURES WILL SLOWLY WARM FOR MONDAY AND TUESDAY WITH THE CHANCE FOR SHOWERS AND THUNDERSTORMS FOR EACH AFTERNOON AND EVENING.

.TODAY...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED THUNDERSTORMS UNTIL 1200. SCATTERED RAIN SHOWERS. SCATTERED THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AND SMALL HAIL AFTER 1200. CHANCE OF PRECIPITATION 50 PERCENT.

MAX TEMPERATURE.....66-71.

MIN HUMIDITY.....38-44 PERCENT.

20-FOOT WINDS.....NORTHEAST WINDS 10 TO 15 MPH. GUSTS UP TO 15 MPH UNTIL 1500...THEN 20 MPH.

RIDGE TOP WINDS.....NORTHEAST AROUND 15 MPH.

LAL.....3.

CHC OF WETTING RAIN.12 PERCENT.

TRANSPORT WINDS.....NORTHEAST 15 TO 20 MPH.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....CLOUDY UNTIL 2400...THEN PARTLY CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS UNTIL 2400...THEN ISOLATED RAIN SHOWERS. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AND SMALL HAIL UNTIL 2400. CHANCE OF PRECIPITATION 50 PERCENT.

MIN TEMPERATURE.....45-50.

MAX HUMIDITY.....87-93 PERCENT.

20-FOOT WINDS.....NORTH WINDS AROUND 15 MPH AND GUSTY UNTIL 2100...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.

RIDGE TOP WINDS.....NORTH 10 TO 15 MPH UNTIL 2400...THEN 5 TO 10 MPH.

LAL.....3 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN.25 PERCENT UNTIL 2400...THEN ZERO PERCENT.

TRANSPORT WINDS.....NORTH 15 TO 20 MPH UNTIL 2400...THEN AROUND 10 MPH.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

SHOWERS AND THUNDERSTORMS WILL CONTINUE EACH DAY THIS WEEK AS AN
UNSETTLED WEATHER PATTERN CONTINUES OVER THE WESTERN UNITED STATES.
MINIMUM DAYTIME RELATIVE HUMIDITIES WILL REMAIN ABOVE 20 PERCENT
ACROSS MOST AREAS...AND EVEN ABOVE 40 PERCENT ACROSS THE EASTERN
PLAINS THROUGH THE MIDDLE OF THE WEEK. CRITICAL FIRE WEATHER
CONDITIONS ARE UNLIKELY WITH COOLER THAN NORMAL TEMPERATURES AND
GREEN FUELS.

. TODAY . . .

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 1200...THEN PARTLY CLOUDY.
NUMEROUS SHOWERS AND ISOLATED THUNDERSTORMS
UNTIL 1200...THEN SCATTERED SHOWERS AND
THUNDERSTORMS.
MAX TEMPERATURE.....66-71.
MIN HUMIDITY.....50-56 PERCENT.
20-FOOT WINDS.....NORTH AROUND 10 MPH WITH HIGHER GUSTS.
LAL.....2 UNTIL 1200...THEN 3 UNTIL 1500...THEN 4.
CHC OF WETTING RAIN.30 PERCENT.
TRANSPORT WINDS.....NORTH AROUND 15 MPH.
MIXING HEIGHT.....2000-2700 FT AGL INCREASING TO 4700-5600 FT AGL
IN THE AFTERNOON.
SMOKE DISPERSAL.....POOR TO FAIR (27600-57400 KNOT-FT).
HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY.
SCATTERED SHOWERS AND THUNDERSTORMS UNTIL
2400...THEN SLIGHT CHANCE OF SHOWERS AND
THUNDERSTORMS.
MIN TEMPERATURE.....47-52.
MAX HUMIDITY.....94-100 PERCENT.
20-FOOT WINDS.....EAST AROUND 10 MPH IN THE EVENING BECOMING
DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 20
MPH.
LAL.....3 UNTIL 2400...THEN 2.
CHC OF WETTING RAIN.15 PERCENT.
TRANSPORT WINDS.....EAST 5 TO 10 MPH.
MIXING HEIGHT.....400-2100 FT AGL.
SMOKE DISPERSAL.....POOR (2300-17600 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

SHOWERS AND THUNDERSTORMS WILL CONTINUE EACH DAY THIS WEEK AS AN UNSETTLED WEATHER PATTERN CONTINUES OVER THE WESTERN UNITED STATES. MINIMUM DAYTIME RELATIVE HUMIDITIES WILL REMAIN ABOVE 20 PERCENT ACROSS MOST AREAS...AND EVEN ABOVE 40 PERCENT ACROSS THE EASTERN PLAINS THROUGH THE MIDDLE OF THE WEEK. CRITICAL FIRE WEATHER CONDITIONS ARE UNLIKELY WITH COOLER THAN NORMAL TEMPERATURES AND GREEN FUELS.

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY UNTIL 1500...THEN MOSTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS UNTIL
1200...THEN SCATTERED SHOWERS AND
THUNDERSTORMS.
MAX TEMPERATURE.....59-67.
24 HR TREND.....1 DEGREE COOLER.
MIN HUMIDITY.....25-31 PERCENT.
24 HR TREND.....6 PERCENT WETTER.
20-FOOT WINDS.....WEST 10 TO 15 MPH WITH HIGHER GUSTS.
LAL.....2 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.10 PERCENT.
TRANSPORT WINDS.....WEST AROUND 15 MPH.
MIXING HEIGHT.....4900-5700 FT AGL INCREASING TO 9600-10700 FT
AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (71200 KNOT-FT) INCREASING TO VERY GOOD
(129400 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. SCATTERED SHOWERS AND
THUNDERSTORMS UNTIL 2400...THEN SLIGHT CHANCE
OF SHOWERS AND THUNDERSTORMS.
MIN TEMPERATURE.....39-44.
24 HR TREND.....3 DEGREES COOLER.
MAX HUMIDITY.....77-83 PERCENT.
24 HR TREND.....17 PERCENT WETTER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....NORTHEAST AROUND 10 MPH AND GUSTY SHIFTING TO
THE SOUTHEAST UP TO 10 MPH AFTER MIDNIGHT.
LAL.....3 UNTIL 2400...THEN 2.
CHC OF WETTING RAIN.10 PERCENT.
TRANSPORT WINDS.....NORTHEAST AROUND 15 MPH SHIFTING TO THE
SOUTHEAST AFTER MIDNIGHT.
MIXING HEIGHT.....3200-3700 FT AGL DECREASING TO 300 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (3200-44600 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.